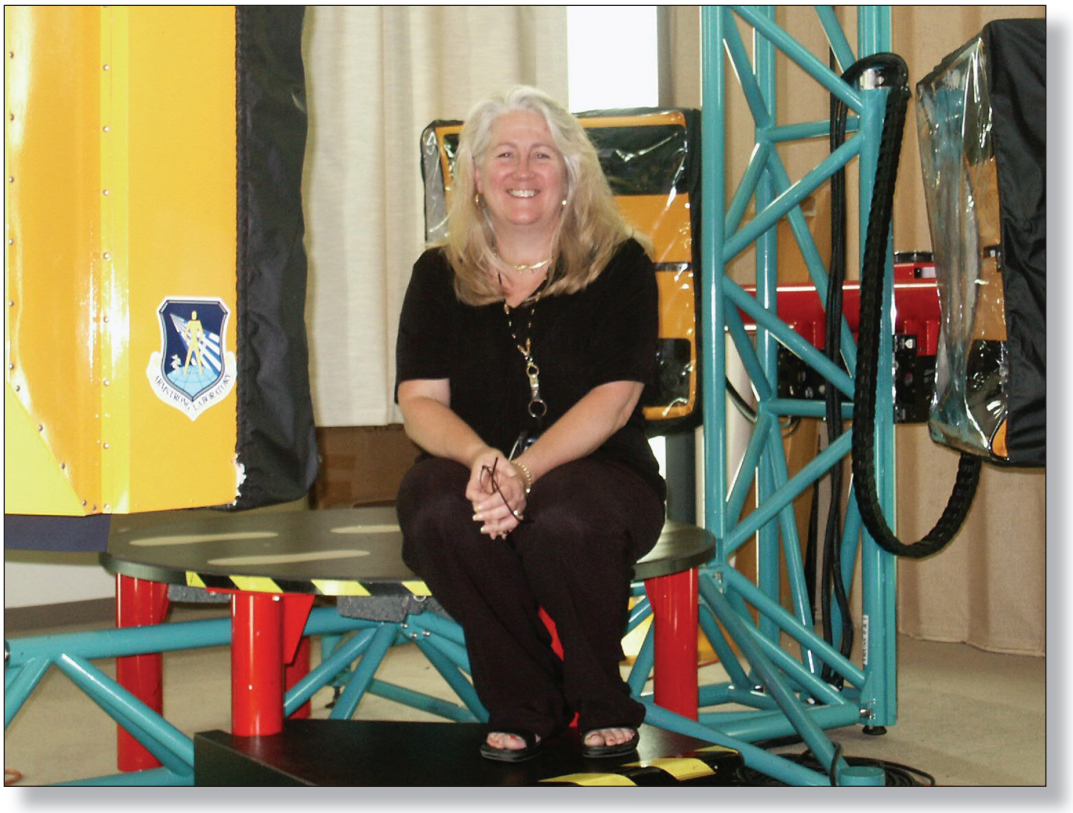
Air Force Research Laboratory|AFRL

Science and Technology for Tomorrow's Air and Space Force

Success Story

TECHNOLOGY SHOWCASED AT WINTER OLYMPICS LEADS TO AFMC PUBLIC AFFAIRS DIRECTOR'S EXCELLENCE AWARD FOR NOTED RESEARCHER



In today's world of heightened security and ever-changing technology, keeping the public safe and informed of the latest scientific and technological developments within the Air Force Research Laboratory promotes goodwill and effective use of tax dollars. Public Affairs (PA) units throughout the Air Force recognize that outstanding individuals are needed for an appropriate, receptive, and secure unveiling of cutting-edge technology to the public.

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Accomplishment

Dr. Kathleen Robinette, Director of the Human Effectiveness Directorate's Computerized Anthropometric Research and Design Laboratory, was awarded the Air Force Materiel Command Public Affairs Director's Award for Special Achievement for her outstanding support during the 2002 Winter Olympics in Utah. The award reflects the excellence she achieved in showcasing the whole body scanner (WB4).

Dr. Robinette reached an estimated 12,000 to 15,000 people daily and performed more than 800 "souvenir" scans of enthusiastic visitors during the Olympics. Her anthropometry expertise, knowledge of three-dimensional (3-D) scanning, and enthusiasm to meet and educate the public on the directorate's cutting-edge technology was vital to the PA plan for the scanner exhibit and support.

Background

Dr. Robinette led the way for the development of the WB4, the world's first full-body scanner, which is able to perform a scan of the entire body within 17 seconds. She earned additional recognition for her pioneering research within the directorate's Crew System Interface Division.

Selected from a group of more than 300 nominees, Dr. Robinette received the Award for Women in Government from *Good Housekeeping* magazine and the Center for American Politics for her work on the Civilian American and European Surface Anthropometry Resource (CAESAR), the world's first 3-D survey of body measurements and sizes. CAESAR, employing the latest in 3-D technology, will improve clothing sizing and the ergonomics of automobiles, aircraft, furniture, and workstations.

Human Effectiveness
Awards and Recognition

Additional information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTC, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (04-HE-09)